

REPORT OF THE NEW JERSEY STATE AGRICULTURAL EXPERIMENT STATION UPON  
THE MOSQUITOS OCCURING WITHIN THE STATE, THEIR HABITS,  
LIFE HISTORY, ETC.—BY JOHN B. SMITH.

It is not often that two so large and excellent works on the same subject appear almost simultaneously as those of Doctors John B. Smith and E. P. Felt on the mosquitos of their respective states. Dr. Smith's report is of 482 pages, illustrated by 133 figures (mostly full page plates) with maps of various sections. It is divided into four parts: I. "Mosquito Characteristics and Habits"—in which the larval, pupal and adult structure are shown by large figures with all the parts clearly defined, also the mouth parts and biting habits are fully described; a chapter on how mosquitos develop is followed by accounts of their hibernation, their relation to disease, and how to study, collect, and preserve them. Part II is devoted to their natural enemies, remedial measures and destructive methods. Part III, on classification, occupies pages 149 to 364; tables for determining the adults and larvæ are followed by full descriptions of the species, their life habits, distribution, etc., and exceedingly beautiful drawings of both the imago and larva, supplemented by enlarged figures of parts essential in classification. Thirty-seven species are described, and many of the species figured for the first time.

The author is to be congratulated on making a work thoroughly scientific, yet popular in the way it is presented. Generic frills are avoided, and a series of common names adopted, which will undoubtedly appeal more to the public and create a general interest not otherwise attained; thus with the co-operation of all enterprising citizens the mosquito nuisance can to a great extent be mitigated. The closing part treats of "local problems and surveys." The principal breeding places throughout the state are designated, and what has already been done and what should be done is clearly pointed out.

C. W. J.